

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT				
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Patent Number 4,458,033 should read 4,587,033 previously recorded on Reel 011474 Frame 0289. Assignor(s) hereby confirms the Assignment.				
CONVEYING PARTY DATA					
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Solutia Inc.</td><td>04/01/2000</td></tr></tbody></table>	Name	Execution Date	Solutia Inc.	04/01/2000	
Name	Execution Date				
Solutia Inc.	04/01/2000				
RECEIVING PARTY DATA					
Name:	Astaris LLC				
Street Address:	622 EMERSON ROAD				
City:	St. Louis				
State/Country:	MISSOURI				
Postal Code:	63141				
PROPERTY NUMBERS Total: 1					
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Patent Number:</td><td>4587033</td></tr></tbody></table>	Property Type	Number	Patent Number:	4587033	
Property Type	Number				
Patent Number:	4587033				
CORRESPONDENCE DATA					
Fax Number:	(303)313-2827				
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>					
Phone:	3032985901				
Email:	ptodenver@gibsondunn.com				
Correspondent Name:	Peter F. Weinberg				
Address Line 1:	1801 California St., Suite 4200				
Address Line 4:	Denver, COLORADO 80202				
NAME OF SUBMITTER:	Peter F. Weinberg				
Total Attachments: 5 source=solutia#page1.tif source=solutia#page2.tif source=solutia#page3.tif source=solutia#page4.tif source=solutia#page5.tif					

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PATENT

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REEL: 016079 FRAME: 0711

ASSIGNMENT OF PATENT RIGHTS IN THE U.S.

THIS ASSIGNMENT OF U.S. PATENT RIGHTS, effective as of April 1[✓], 2000, between Solutia Inc. , a corporation duly organized under the laws of Delaware, ("Assignor") and Astaris LLC, a Delaware limited liability company, ("Assignee");

WITNESSETH

In consideration of the payment of One Dollar (\$1.00) in United States currency made by Assignee to Assignor and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor, as owner of the entire right, title, and interest in and to certain United States Letters Patents and certain applications for United States Letters Patent, and the inventions described and claimed therein, as set forth in Schedule A attached hereto and made a part hereof (hereinafter collectively referred to as "Phosphorus Chemicals U.S. Patent Rights") and Schedule B attached hereto and made a part hereof (hereinafter referred to as "Non-Phosphorus Containing Detergents U.S. Patent Rights"), does hereby sell, assign, and transfer unto Assignee, its successors and assigns, all of the right, title, and interest which Assignor owns in and to the Phosphorus Chemicals U.S. Patent Rights, the Non-Phosphorus Containing Detergents U.S. Patent Rights, and any divisions, continuations, continuations-in-part, extensions, and reissues thereof; and Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any original or reissue Letters Patent in and to any or all of the Phosphorus Chemicals U.S. Patent Rights and Non-Phosphorus Containing Detergents U.S. Patent Rights to Assignee or its successors and assigns; and hereby authorizes Assignee, its successors and assigns, to file applications for corresponding Letters Patents in any foreign country or jurisdiction and to secure in its own name the Letters Patent or Letters Patents issued thereon, the same to be held and enjoyed by Assignee, its successors and assigns, for the full term for which such Letters Patents are granted, as fully and entirely as the same would have been held and enjoyed by Assignor had this sale, assignment, and transfer not been made.

Signed and agreed to by Assignor and Assignee on April 1[✓], 2000.

Mark F. Wachter
General Intellectual Property Counsel
Authorized to sign this document for
Solutia Inc. by resolution dated
September 3, 1997 of the Board of Directors

Solutia Inc.

By: Mark F. Wachter

Title: _____

Astaris LLC

By: [Signature]

Title: CEO

SCHEDULE A

ASSIGNOR'S PHOSPHORUS CHEMICALS PATENT RIGHTS IN THE U.S.

Application Number	Patent Number	Filing Date (dd/mm/yy)	Docket Number
✓ 06/745,742	4,606,831		6534 ✓
✓ 07/865,161	5,215,731		7710
✓ 07/767,968	5,223,336		7914
✓ 07/674,260	5,112,395		7921
✓ 07/602,547	5,055,313		7899
07/540,993	5,294,424		7789
✓ 08/603,301	5,773,068		11448
✓ 08/597,079	5,733,519		7909
✓ 07/466,159	4,966,782		7840
✓ 07/462,195	4,988,513		6960
✓ 07/461,951	5,045,294		7765
✓ 07/442,968	5,004,589		7762
✓ 08/490,264	5,660,808		11411
✓ 08/469,112	5,595,688		11409
✗ 08/468,697	5,578,107		11395
✓ 07/378,111	4,988,522		7817
✓ 08/409,011	5,663,402		11418
✓ 07/313,768	5,026,423		7786
✓ 07/288,664	4,971,728		7769
✓ 07/288,656	4,983,326		7771
✓ 07/286,017	4,853,144		7774
✓ 08/287,037	5,486,232		11366
✓ 07/193,024	4,803,058		7724
✓ 08/219,227	5,464,601		11320

SCHEDULE A
PHOSPHORUS CHEMICALS PATENT RIGHTS IN THE U.S.

H 367834(7VTM011.DOC)

PATENT
REEL: 016079 FRAME: 0713

Application Number	Patent Number	Filing Date (dd/mm/yy)	Docket Number
✓ 07/171,199	4,853,200		7717
✓ 08/138,853	5,405,636		11323
✓ 08/077,588	5,409,724		7913
08/055,345	5,302,363		7975
✓ 08/043,227	5,362,639		11331
✓ 07/329,175	4,962,728		6767
✓ 08/026,651	5,346,575		11327
✓ 30,091	4,770,865		6924
✓ 102,701	4,770,717		6694
138,616	4,309,394		C43214578
208,224	4,324,772		C43214598
290,558	4,915,783		6104
✓ 290,559	4,909,902		6569
332,287	4,447,336		6391
✓ 653,182	4,661,331		6187
✓ 785,702	4,678,662		6536
✗ 871,341	4,721,615		6799
✓ 08/997,792		December 24, 1997	11515
✓ 08/966,357		November 7, 1997	11449
✓ 08/614,106		March 12, 1996	11457
✓ 09/358,609		July 21, 1999	11497
✓ 09/261,497		March 3, 1999	11485
✓ 09/256,226		February 24, 1999	11363
✓ 09/114,724		July 13, 1998	11421-01
✓ 09/066,634		April 24, 1998	11415
✓ 09/065,290		April 23, 1998	11425
✓ 09/016,446		January 30, 1998	11456

SCHEDULE A
PHOSPHORUS CHEMICALS PATENT RIGHTS IN THE U.S.

H 367834(7VTM01).DOC)

PATENT
REEL: 016079 FRAME: 0714

Application Number	Patent Number	Filing Date (dd/mm/yy)	Docket Number
PCTUS99/03946		February 24, 1999	11363
PCTUS99/16568		July 21, 1999	11497

SCHEDULE B**ASSIGNOR'S NON-PHOSPHORUS CONTAINING DETERGENTS****PATENT RIGHTS IN THE U.S.**

Application Number	Patent Number	Docket Number
✓ 07/705,418	5,210,295	7815
✓ 07/652,498	5,087,746	7915
✓ 07/616,525	5,028,723	7903
✓ 07/585,577	5,118,652	7892
✓ 07/156,874	4,820,385	6609
✓ 07/058,541	5,068,421	7824
✓ 111,325	4,847,005	6820
✓ 148,248	4,824,997	6601
156,703	4,327,189	C43214579
156,704	4,303,777	C43214585
156,706	4,302,564	C43214584
✓ 224,045	4,867,849	6721
✓ 230,289	4,900,864	6607
✓ 539,506	4,502,923	6189
✓ 549,524	4,598,162	183
✓ 627,261	4,542,206	6570
627,262	4,458,033	6552
✓ 682,117	4,567,284	6614
✓ 769,839	4,600,750	6555
901,681	4,695,410	6542

2 4,587,033
Pete Weing
Authorized agent for
Solutia Inc.
6-1-05